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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

Office Action Summary	Application No.	Applicant(s)
	10/747,677	PANZER, JOHN
	Examiner	Art Unit	
	shaq taha	2146	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1 - 54_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1 - 54_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _06/15/2004_.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form

the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims ~~1-54~~ rejected under 35 U.S.C. 102(b) as being anticipated by Maurille et al. (US

6,484,196).

- Regarding claim 1, Maurille teaches a method of web logging using an instant

  message system, **[a threaded instant message system, an open display**

  bulletin board system, (Column 2, line 59)];

  the method comprising: identifying an interactive agent to an instant message

  (IM) host system under a first screen name, **[Fig. 3A, Ref # 116, Web server**

  software];

  receiving multiple IMs addressed to the first screen name, the IMs being received

  from multiple users identifiable to the IM host system, **[allow each of the**

  multiple users to exchange instant messages with one or more other users,

  (Column 3, line 56)];

  and for each of at least some received IMs addressed to the first screen name:

  determining which one of the multiple users sent the IM, **[Once a recipient has**

accepted a message, he can reply to or acknowledge the message,

(Column 3, line 66)];

identifying a web log associated with the user who sent the IM, [allows a user to

form a response to any message shown on their private bulletin board by

simply selecting a hypertext link identifying the message sender, (Column

4, line 28)];

and adding the contents of the IM to the identified web log, [each user interacts

with the communication system via a private bulletin board in which the

client application instantly displays the history and content of all messages

associated with conversations in which the respective user is a party,

(Column 3, line 50)].

- Regarding claim 2, Maurille teaches the method wherein the web log is displayed

  in a web page publicly accessible through the Internet, [public bulletin boards

  with open display of messages, (Column 15, line 38)].

- Regarding claim 3, Maurille teaches the method wherein the displayed web log is

  password protected, [Fig. 2, Ref # 208, in Table 140].

- Regarding claim 4, Maurille teaches the method wherein the web log is a

  regularly updated online

journal including information of interest to an author of the web log, **[after a reply
is sent the mail screen 902 is immediately updated by the server
application 114 with the threading information, (Column 20, line 23)].**

- Regarding claim 5, Maurille teaches the method wherein adding the contents of
the IM to the identified

  web log includes formatting the contents as a web log entry, **[the server
application formats the messages sent to a user so that the messages'
contents are directly displayed on a bulletin board, (Abstract)].**

- Regarding claim 6, Maurille teaches the method wherein formatting the contents
as a web log entry

  includes time stamping the entry, **[Value is zero if message is at the bottom of
thread. MsgTimeStamp Year, month, day, hour, minute and second when
message was sent, (Column 8, line 38].**

- Regarding claim 7, Maurille teaches the method wherein each of the multiple
users is identifiable to

  the IM host system by a unique screen name, **[Fig. 2, Ref # 202 in table # 140].**

- Regarding claim 8, Maurille teaches the method wherein determining which one
of the multiple users

sent the IM includes identifying the unique screen name of the user who sent the

IM, **[allows a user to form a response to any message shown on their**

private bulletin board by simply selecting a hypertext link identifying the

message sender, (Column 4, line 28)].

- Regarding claim 9, Maurille teaches the method wherein identifying a web log

  associated with the user

  who sent the IM involves querying a database with the unique screen name of

  the user who sent the IM, **[issuing a query in the Thread Participants table**

  148 to find Thread Ids of all threads a user with a particular User ID has

  participated in, (Column 9, line 23)].

- Regarding claim 10, Maurille teaches the method wherein identifying a web log

  associated with the user who sent the IM includes: determining whether the user

  who sent the IM has two or more web logs, **[the server mechanism configured**

  to: provide a plurality of private bulletin boards for each of a plurality of

  users of the system, (column 25, line 23)];

  and if the user who sent the IM has two or more web logs, prompting the user to

  identify one of the two or more web logs, **[wherein each of said private bulletin**

  boards shows history of messages associated with conversations

  involving a respective user, (Column 25, line 30)].

- Regarding claim 11, Maurille teaches the method wherein determining whether the user who sent the IM has two or more web logs involves querying a database with the unique screen name of the user who sent the IM, **[issuing a query in the Thread Participants table 148 to find Thread Ids of all threads a user with a particular User ID has participated in, (Column 9, line 23)].**

- Regarding claim 12, Maurille teaches that the method further comprising: after adding the contents of the IM to the identified web log, generating a reply message to the user who sent the IM, the reply message indicating that the contents of the IM were successfully added to the identified web log as a web log entry, and sending the reply message to the user who sent the IM, **[A user can implicitly acknowledge a received message by replying to that message, (Column 13, line 56)].**

- Regarding claim 13, Maurille teaches the method wherein generating a reply message includes identifying the type of communications device used to send the IM, **[Fig. 5A, Ref # 150].**

- Regarding claim 14, Maurille teaches the method wherein generating the reply message comprises doing so according to the capabilities of the communications device used to send the IM, **[Fig. 5A, Ref # 150].**

- Regarding claim 15, Maurille teaches the method wherein the reply message includes a notification that the user can append to the web log entry, **[and appending each response; and transmitting a representation of the incoming message to participants in the thread that includes the incoming message conveying that the thread is closed, (Column 27, line 19)].**

- Regarding claim 16, Maurille teaches that the method further comprising: receiving an IM to append to the web log entry; and appending the IM to the web log entry, **[link members of the reply family with related message records of the parent family, (Column 23, line 18)].**

- Regarding claim 17, Maurille teaches the method wherein the reply message includes a notification that the user can edit the web log entry, **[Fig. 7C, Ref #772, Modify].**

- Regarding claim 18, Maurille teaches the method wherein the interactive agent includes software configured to process messages received for inclusion in web log pages displayed on the Internet, **[server application includes communication board software that performs all high level and data repository operations and web server software that decodes and encodes communications from and to the client web browser, (Column 4, line 18)].**

- Regarding claim 19, Maurille teaches the method wherein the interactive agent
  includes software configured to distinguish among the multiple users identifiable
  to the IM host system on the basis of a unique screen name associated with
  each of the multiple users, **[The users table lists characteristics of all system
  users, including unique ID, name and preferences, (Column 3, line 18)].**

- Regarding claim 20, Maurille teaches a method of enabling web logging using an
  instant message agent, **[a threaded instant message system, an open display
  bulletin board system, (Column 2, line 59)];**

  the method comprising: identifying an instant message (IM) agent to an IM host
  system, **[Fig. 3A, Ref # 116, Web server software];**

  receiving a first IM from one IM user of multiple IM users, **[allow each of the
  multiple users to exchange instant messages with one or more other users,
  (Column 3, line 56)];**

  wherein each of the multiple IM users is identifiable to the IM host system under
  a unique screen name, **[Fig. 2, Ref # 202 in table # 140];**

  and based on the unique screen names of the multiple IM users, determining
  which of the multiple IM users sent the first IM, **[allows a user to form a
  response to any message shown on their private bulletin board by simply
  selecting a hypertext link identifying the message sender, (Column 4, line
  28)].**

identifying a web log associated with the IM user who sent the first IM, **[allows a user to form a response to any message shown on their private bulletin board by simply selecting a hypertext link identifying the message sender, (Column 4, line 28)]**;

and adding the contents of the IM to the web log associated with the IM user who sent the first IM, **[each user interacts with the communication system via a private bulletin board in which the client application instantly displays the history and content of all messages associated with conversations in which the respective user is a party, (Column 3, line 50)]**.

- Regarding claim 21, Maurille teaches the method wherein receiving a first IM comprises receiving an IM from an IM user that sent an IM to a common IM agent used by other IM users, **[Fig. 3A, Ref # 162]**.

- Regarding claim 22, Maurille teaches the method wherein the web log is uniquely associated with the IM user who sent the first IM, **[issuing a query in the Thread Participants table 148 to find Thread Ids of all threads a user with a particular User ID has participated in, (Column 9, line 23)]**.

- Regarding claim 23, Maurille teaches that the method further comprising displaying the web log in a web page publicly accessible through the Internet,

[public bulletin boards with open display of messages, (Column 15, line

38)].

- Regarding claim 24, Maurille teaches the method wherein identifying a web log

   associated with the IM user who sent the first IM includes: querying a database

   with the unique screen name of the user who sent the first IM, **[issuing a query**

   in the Thread Participants table 148 to find Thread Ids of all threads a user

   with a particular User ID has participated in, (Column 9, line 23) & (Fig. 1,

   Ref # 108)];

   receiving query results identifying all web logs associated with the unique screen

   name of the IM user who sent the first IM, **[issuing a query in the Thread**

   Participants table 148 to find Thread Ids of all threads a user with a

   particular User ID has participated in, (Column 9, line 23) & (Fig. 1, Ref #

   108)];

   and if the IM user who sent the first IM has two or more web logs, prompting the

   IM user to identify one of the two or more web logs, **[wherein each of said**

   private bulletin boards shows history of messages associated with

   conversations involving a respective user, (Column 25, line 30)].

- Regarding claim 25, Maurille teaches the method wherein prompting the IM user

   to identify one of the two or more web logs includes sending a reply IM to the IM

user who sent the first IM, **[A user can implicitly acknowledge a received message by replying to that message, (Column 13, line 56)]**;

the reply IM identifying all of the web logs associated with IM user who sent the first IM, **[allows a user to form a response to any message shown on their private bulletin board by simply selecting a hypertext link identifying the message sender, (Column 4, line 28)]**.

- Regarding claim 26, Maurille teaches a method of adding entries to a web log through an instant message system, the method comprising: **[Fig. 8A, Ref # 804]**;

identifying an interactive agent to an instant message (IM) host system under a first screen name, **[Fig. 3A, Ref # 116, Web server software]**;

receiving an IM addressed to the first screen name, wherein the IM may be from any of at least two users identifiable to the IM host system, **[allow each of the multiple users to exchange instant messages with one or more other users, (Column 3, line 56)]**;

determining which one of the at least two users sent the IM, **[Once a recipient has accepted a message, he can reply to or acknowledge the message, (Column 3, line 66)]**;

identifying a web log associated with the user who sent the IM, **[allows a user to form a response to any message shown on their private bulletin board by**

simply selecting a hypertext link identifying the message sender, (Column 4, line 28)];

and adding the contents of the IM to the identified web log, **[each user interacts with the communication system via a private bulletin board in which the client application instantly displays the history and content of all messages associated with conversations in which the respective user is a party, (Column 3, line 50)]**.

- Regarding claim 27, Maurille teaches the method wherein the at least two users identifiable to the IM host system have access to the IM host system, **[Fig. 2, Ref # 140]**.

- Regarding claim 28, Maurille teaches that the method further comprising: generating a reply to the user who sent the IM; and sending the reply to the user who sent the IM, **[A user can implicitly acknowledge a received message by replying to that message, (Column 13, line 56)]**.

- Regarding claim 29, Maurille teaches the method wherein the web log is displayed in a web page publicly accessible through the Internet, **[public bulletin boards with open display of messages, (Column 15, line 38)]**.

- Regarding claim 30, Maurille teaches a method of enabling web logging using an instant message interactive agent, the method comprising: **[Fig. 8A, Ref # 804];** connecting an instant message (IM) interactive agent to an IM host system, the agent having an IM screen name, **[Fig. 3A, Ref # 116, Web server software];** receiving a first IM from a first IM user, the first IM being sent to the IM screen name of the interactive agent, **[Fig. 3B, Ref # 142];** identifying a first web log associated with the first IM user, **[allows a user to form a response to any message shown on their private bulletin board by simply selecting a hypertext link identifying the message sender, (Column 4, line 28)];** adding the contents of the first IM to the first web log associated with the first IM user, **[each user interacts with the communication system via a private bulletin board in which the client application instantly displays the history and content of all messages associated with conversations in which the respective user is a party, (Column 3, line 50)];** receiving a second IM from a second IM user, the second IM being sent to the IM screen name of the interactive agent, **[Fig. 3B, Ref # 142];** identifying a second web log associated with the second IM user, **[allows a user to form a response to any message shown on their private bulletin board by simply selecting a hypertext link identifying the message sender, (Column 4, line 28)];**

and adding the contents of the second IM to the second web log associated with
the second IM user, **[each user interacts with the communication system via
a private bulletin board in which the client application instantly displays the
history and content of all messages associated with conversations in
which the respective user is a party, (Column 3, line 50)]**.

- Regarding claim 31, Maurille teaches the method wherein the first web log and
the second web logs are distinct, **[Fig. 4B, Ref # 460, 464]**.

- Regarding claim 32, Maurille teaches that the method further comprising:
receiving a third IM from the first IM user, the third IM being sent to the IM screen
name of the interactive agent, **[Fig. 3B, Ref # 142]**;
and appending the contents of the third IM to the contents of the first IM, the
contents of the first IM being previously added to the first web log associated with
the first IM user, **[and appending each response; and transmitting a
representation of the incoming message to participants in the thread that
includes the incoming message conveying that the thread is closed,
(Column 27, line 19)]**.

- Regarding claim 33, Maurille teaches the method wherein the first IM is received
by the interactive agent before the third IM, **[Fig. 3B, Ref # 142]**.

- Regarding claim 34, Maurille teaches a method of creating a web log through an instant message system, the method comprising: **[Fig. 8A, Ref # 804]**;

  logging a web log agent into an instant message (IM) system under an IM screen name, **[Fig. 3A, Ref # 116, Web server software]**;

  receiving an IM from a user logged into the IM system, **[allow each of the multiple users to exchange instant messages with one or more other users, (Column 3, line 56)]**;

  determining whether the user has a web log, **[allows a user to form a response to any message shown on their private bulletin board by simply selecting a hypertext link identifying the message sender, (Column 4, line 28)]**;

  and if the user does not have a web log: creating a web log for the user, **[the server application creates private message boards for each user, (Abstract)]**;

  adding the IM screen name of the web log agent to a buddy list associated with the user, **[Fig. 2, Ref # 140]**;

  and adding the contents of the IM to the created web log, **[each user interacts with the communication system via a private bulletin board in which the client application instantly displays the history and content of all messages associated with conversations in which the respective user is a party, (Column 3, line 50)]**.

- Regarding claim 35, Maurille teaches the method wherein the contents of the IM includes text, **[Fig. 3A, Ref # 3.3].**

- Regarding claim 39, Maurille teaches the method wherein adding the IM screen name of the web log agent to a buddy list associated with the user includes making the screen name viewable in the buddy list, **[Fig. 3A, Ref # 3.4 to 3.14].**

- Regarding claim 40, Maurille teaches the method wherein adding the IM screen name of the web log agent to a buddy list associated with the user includes making the screen name persistent in the buddy list, **[Fig. 3A, Ref # 3.4 to 3.14].**

- Regarding claim 41, Maurille teaches the method wherein creating a web log for the user includes: displaying a creation window allowing the user to enter information about the web log, **[Fig. 7, Ref # 772];**
  and storing the information about the web log in a database, **[Fig. 5A, Ref # 5.6].**

- Regarding claim 42, Maurille teaches the method wherein the information about the web log includes identification of other users of the IM system as contributing editors on the web log, **[Fig. 7C, Ref # 776].**

- Regarding claim 43, Maurille teaches the method wherein the identification of each of the contributing editors includes an IM screen name associated with the contributing editor, **[Fig. 7C, Ref # 776]**.

- Regarding claim 44, Maurille teaches the method wherein creating a web log for the user includes: prompting the user for a title to be associated with the web log, **[Fig. 7C, Ref # 772, Company Christmas]**;

  receiving the title from the user, **[Fig. 7C, Ref # 772, Arlene]**;

  prompting the user for a description to be associated with the web log, **[Fig. 7C, Room 6151]**.

  and receiving the web log description from the user, **[Fig. 7C, Ref # 772, Arlene]**.

- Regarding claim 45, Maurille teaches the method wherein prompting the user involves sending IMs to the user, **[Fig. 8A, Ref # 806]**.

- Regarding claim 46, Maurille teaches the method wherein the web log title and web log description are received through the IM system, **[Fig. 8A, Ref # 804]**.

- Regarding claim 47, Maurille teaches that the method further comprising enabling use of the buddy list to visually indicate the availability of the web log agent to receive IMs from the user, **[If the intended participant is online, the**

server application 114 sends him a talk mode incoming message box, (Column 19, line 3)].

- Regarding claim 48, Maurille teaches a system for enabling web logging by one or more instant message users through an instant message agent, the system comprising: **[Fig. 8A, Ref # 804];**

  an instant message (IM) agent identifiable to an IM host system, the agent being configured to: **[Fig. 3A, Ref # 116, web server];**

  receive IMs sent by multiple IM users, **[allow each of the multiple users to exchange instant messages with one or more other users, (Column 3, line 56)];**

  and for each received IM: identify a web log associated with the IM user who sent the received IM, **[allows a user to form a response to any message shown on their private bulletin board by simply selecting a hypertext link identifying the message sender, (Column 4, line 28)];**

  and store the received IM as a web log entry in the identified web log, **[Fig. 5A, Ref # 5.6].**

- Regarding claim 49, Maurille teaches that the system further comprising a database for storing help messages associated with the agent, **[Fig. 1, Ref # 108].**

- Regarding claim 50, Maurille teaches the system wherein the agent is further

  configured to send help messages to each of the multiple users identifiable to the

  IM host system, **[Fig. 3A, Ref # 3.3]**;

- Regarding claim 51, Maurille teaches a system for enabling web logging by

  multiple users of an instant message system, the system comprising: **[Fig. 8A,**

  Ref # 804];

  a message processor configured to receive instant messages (IMs) from multiple

  users identifiable to an IM host system, **[Fig. 1, Ref # 102, 152]**;

  means for identifying a web log associated with each of the received IMs,

  [allows a user to form a response to any message shown on their private

  bulletin board by simply selecting a hypertext link identifying the message

  sender, (Column 4, line 28)];

  and means for adding each of the received IMs to the identified web log for the

  received IM, **[each user interacts with the communication system via a**

  private bulletin board in which the client application instantly displays the

  history and content of all messages associated with conversations in

  which the respective user is a party, (Column 3, line 50)].

- Regarding claim 52, Maurille teaches the system wherein the means for

  identifying a web log associated with each of the received IMs includes a

database configured to store information on all existing web logs, **[Fig. 1, Ref #
108]**.

- Regarding claim 53, Maurille teaches the system wherein the database indexes
  each of the existing web logs by a screen name associated with the user who
  created the web log, **[issuing a query in the Thread Participants table 148 to
  find Thread Ids of all threads a user with a particular User ID has
  participated in, (Column 9, line 23) & (Fig. 1, Ref # 108)]**.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 36, 37, 38, and 54 rejected under 35 U.S.C. 103(a) as being unpatentable over

Maurille et al. (US 6,484,196), as applied to claim 34 above, and further in view of Nair

et al. (US 6,741,9910).

- Regarding claims 36, 37, 38 Maurille teaches system and method that provides

  integrated combinations of threaded instant messages, open display bulletin

  boards, private bulletin boards, threaded e-mail, explicit acknowledgment of

  messages, and conferencing, whisper and talk modes, **(See Abstract).**

  Maurille et al. differs from the claimed invention is that the contents of the IM

  includes audio or video, or picture is not taught in Maurille et al.

  Nair teaches a system and method for filtering web accesses in an web access

  log analysis are described, **(See Abstract);**

  Nair teaches further teaches the method wherein the contents of the IM includes

  a picture, audio, video, **[variety of formats, including audio, video and**

  traditional text and graphics, (Column 1, line 23)].

Regarding claim 54, Nair teaches a computer program stored on a computer readable medium, the computer program comprising instructions for: **[A computer readable medium for use in conjunction, (Column 11, line 42)]**;

Maurille teaches receiving instant messages (IMs) from at least two IM users, **[allow each of the multiple users to exchange instant messages with one or more other users, (Column 3, line 56)]**;

Maurille further teaches and for each of the received IMs: identifying a web log associated with the IM user who sent the IM, **[allows a user to form a response to any message shown on their private bulletin board by simply selecting a hypertext link identifying the message sender, (Column 4, line 28)]**;

Maurille further teaches and storing the IM in the identified web log, **[each user interacts with the communication system via a private bulletin board in which the client application instantly displays the history and content of all messages associated with conversations in which the respective user is a party, (Column 3, line 50)]**.

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to modify Maurille by including that the content of the IM may include a video, audio or a picture as taught by Nair.

One of ordinary skill in the art would have been motivated to make this modifications in order to provide the advantage the content of the IM may include a video, audio or a picture.

Conclusion

The following prior art made of record and not relied upon is cited to establish the level of skill in the applicant's art and those arts considered reasonably pertinent to applicant's disclosure. See **PEP 707.05(c)**.

The following are analogous art because they are from the same field of endeavor of ENABLING ELECTRONIC LOGGING USING AN INSTANT MESSAGE SYSTEM:

- Maurille et al. Paten No: (US 6,484,196)

- Nair et al. Paten No: (US 6,741,990)

- Malik et al. Paten No: (US 7,272,633)

- McCormack et al. Paten No: (US 7,272,223)

- Okada et al. Patent No: (US 6,393,461)

- Kelly et al. Patent No: (US 2006/0004914)

- Natarajan et al. US Pub No: (US 2006/0294189)

- Eaton et al. US Pub No: (US 2003/0208545)

- Carr et al. US Pub No: (US 2005/0273503)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Shaq Taha** whose telephone number is 571-270-1921. The examiner can normally be reached on 8:30am-5pm Mon-Fri.
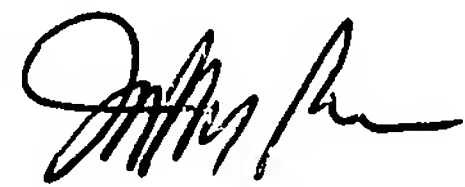
If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, **Jeff Put** can be reached on 571-272-6798.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR or Public PAIR. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free).

10/10/07

S. Taha

JEFFREY PWU
SUPERVISORY PATENT EXAMINER